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C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

8.14.a Confined Space Entry Certification

C-A-OPM procedure in which this Attachment is used.

8.14		

Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Approved: _____ *Signature on File* _____
Collider-Accelerator Department Chairman Date

L. Stiegler

C-A CONFINED SPACE ENTRY CERTIFICATION

Part I

Location: _____

Classification from Inventory List: _____ Date: _____

Space Classification Questions	NA	2A	2B	2C
1. Engulfment/Entrapment Hazard Present				
2. Electrical Systems:				
Deenergized/LOTO/ or Guarded or not Working Hot				
Energized and Working Hot				
3. Mechanical Systems				
Deenergized/LOTO/or Guarded or not Working Hot				
Energized and Working Hot				
4. Atmospheric contaminants or oxygen deficiency possible – Pre-entry atmospheric monitoring required on Part II				
5. Continuous Monitoring required - record monitor reading Periodically or every hour on Part II				
6. Chemical Hazards existing in space, based on monitoring, but Controllable by ventilating – record monitor reading Periodically or every hour on Part II				
7. Chemical Hazards inherent in space, based on monitoring, but not controllable by ventilating				
8. Chemical sources introduced into space (e.g. welding fumes, Solvents)				
9. High Temperature/Pressure Hazard				
10. High radiation, high contamination, or airborne radioactivity				
Notes: If ANY box in column 2C is checked, a Confined Space Permit is required If any box from column 2B is checked (none from 2C), continuous monitoring and ventilating are required If only boxes N/A or 2A are checked, no additional requirement apply If only N/A checked, space is a Class 1 Confined Space				

Pre-Entry Requirements	N/A	YES
1. All employees are currently trained in confined space entry		✓
2. Employees have been instructed to evacuate upon hazard detection		✓
3. All entrants have reviewed the hazards and entry requirements		✓
4. Conditions are safe to remove cover or opening		
5. Opening has been guarded, if below grade		
6. Monitoring equipment is in current calibration		
7. Monitoring has been performed and recorded on this form		
8. GFCI is used		
9. Ventilation is in place		

CLASSIFICATION			
CLASS 1	CLASS 2A	CLASS 2B	CLASS 2C
I have completed Part I of this Confined Space Entry Certification form and classified this space. If monitoring is required, Part II of this form contains the monitoring information. If the confined space is classified as a 2C, I will obtain a Confined Space Permit from the ES&H Coordinator.			
Supervisor/Designee:		Life #	Date:

C-A CONFINED SPACE ENTRY CERTIFICATION

Part II

Atmospheric Monitoring Data

Meter:	Serial #	Calibration Date:
Day of Use Sensor Check:	Yes	No
Tested by:	BNL #	

Pre-Entry Certification Test – For Class 2A spaces

Tested by: _____ Initials _____ Life # _____
Print Name: _____

Gas	Level	Acceptable Reading
Oxygen		19.5 – 23.5 %
Flammable Gas (% LEL)		<10 %
Other		See ES&H Coordinator

Hourly or Periodic Monitoring - For Class 2B spaces

Describe method of ventilation

Date	Time	Oxygen (19.5–23.5%)	LEL (<10 %)	Other	Initials	BNL #